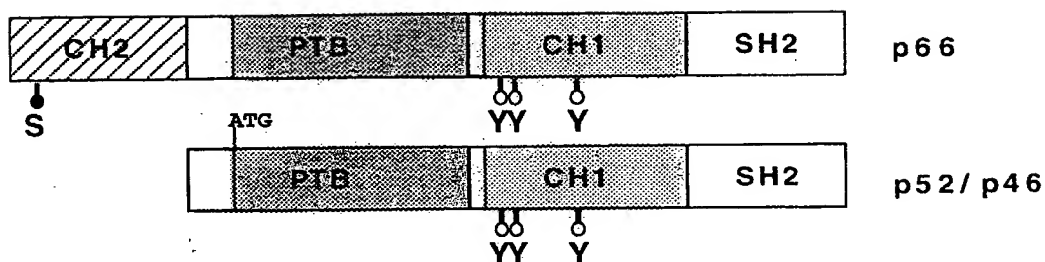
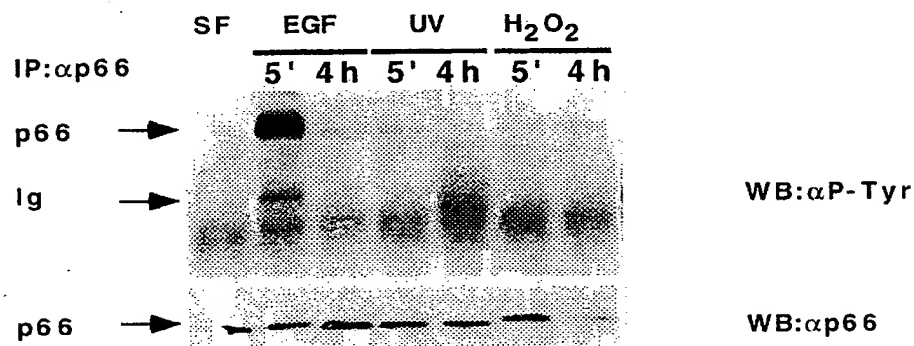


Figure 1

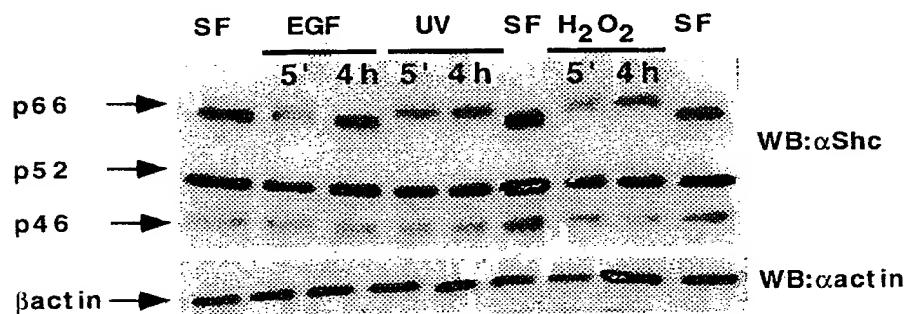
A



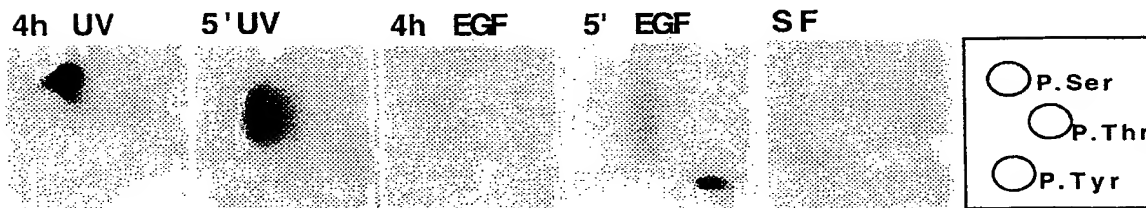
B



C

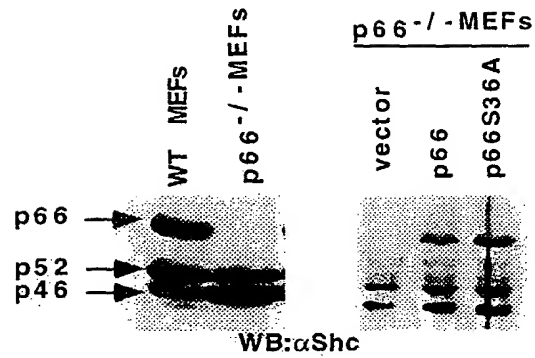


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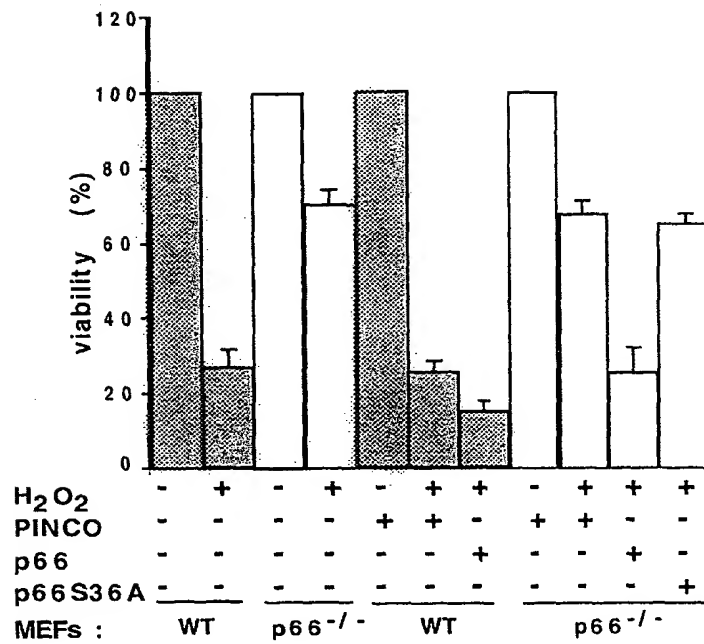


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Figure 2

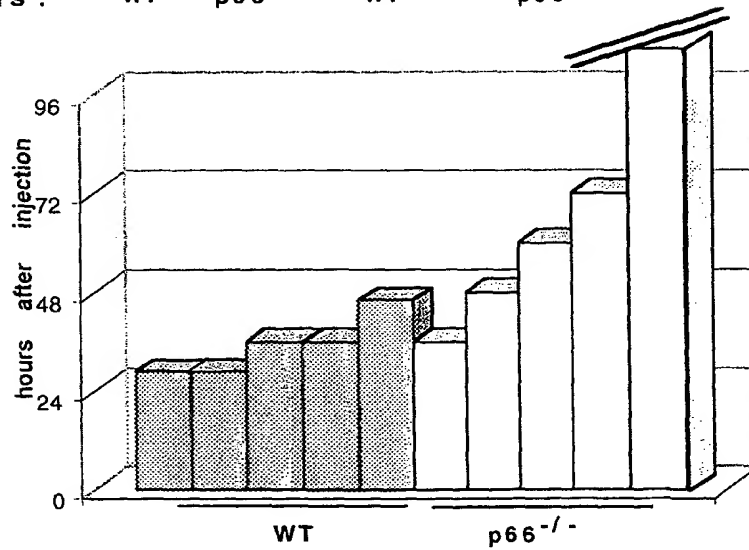
A



B

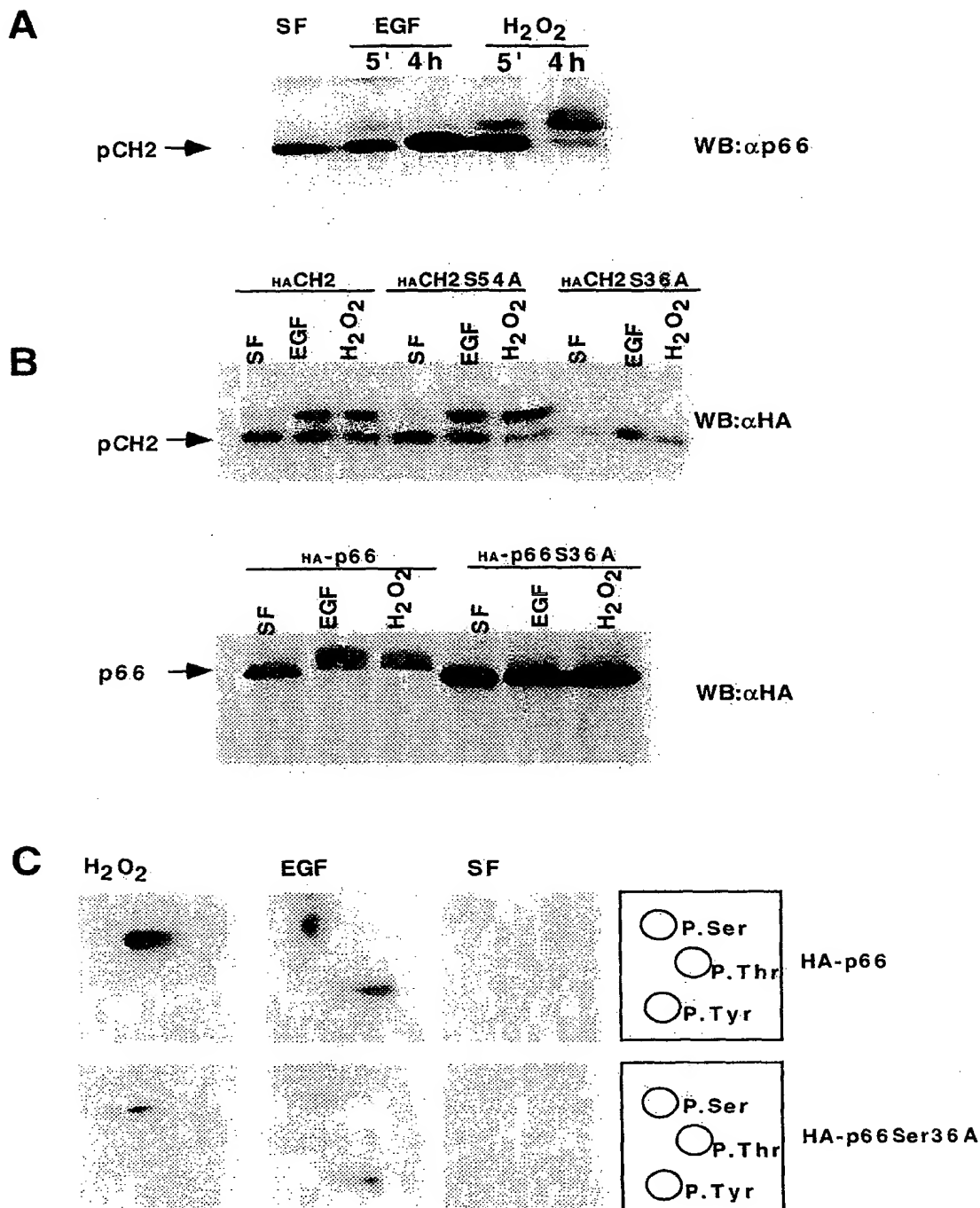


C



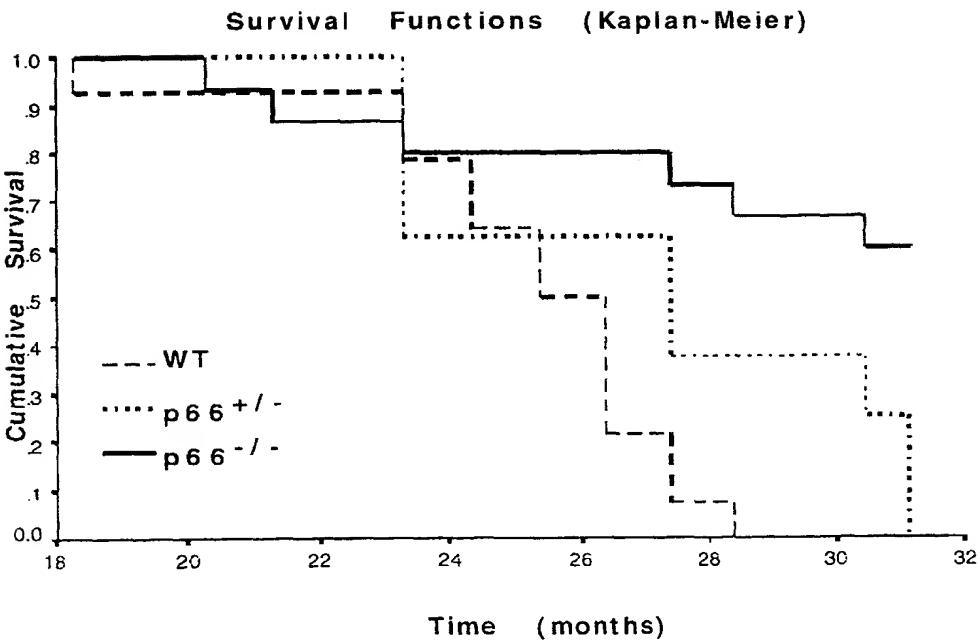
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Figure 3



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Figure 4



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Figure 5a

10 20 30 40 50 60
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70 80 90 100 110 120
ccccaggact tctgtgactc ctggggccaca gaggtccaac cagggtaagg gcctggggat
130 140 150 160 170 180
acccctgcc tggccccctt gccc aaactg gcaggggggc caggctgggc agcagccccct
190 200 210 220 230 240
ctttcacctc aactATGGAT CTCTGCCCC CCAAGCCCAA GTACAATCCA CTCCGGAATG
250 260 270 280 290 300
AGTCTCTGTC ATCGCTGGAG GAAGGGGCTT CTGGGTCCAC CCCCCGGAG GAGCTGCCTT
310 320 330 340 350 360
CCCCATCAGC TTCATCCCTG GGGCCCATCC TGCTCTCTCT GCCTGGGGAC GATAGTCCCA
370 380 390 400 410 420
CTACCCCTGTG CTCTTCTTC CCGGATGA GCAACCTGAG GCTGGCCAAC CCGGCTGGGG
430 440 450 460 470 480
GGCGCCAGG GTCTAAGGGG GAGCCAGGAA GGCAGCTGA TGATGGGGAG GGGATCGATG
490 500 510 520 530 540
GGCAGCCAT GCCAGAGTCA GGCCCCCTAC CCTCTCTCCA GGACATGAAC AAGCTGAGTG
550 560 570 580 590 600
GAGGCGGCGG GCGCAGGACT CGGGTGAAG GGGGCCAGCT TGGGGGCGAG GAGTGGACCC
610 620 630 640 650 660
GCCACGGGAG CTTGTCAAT AAGCCACGC GGGCTGGCT GCATCCCAAC GACAAAGTCA
670 680 690 700 710 720
TGGGACCGG GGTTCCTAC TTGGTTCGGT ACATGGGTTG TGTGGAGGTC CTCCAGTCAA
730 740 750 760 770 780
TGCGTGCCCT GGACTTCAAC ACCCGGACTC AGGTACCAG GGAGGCCATC AGTCTGGTGT
790 800 810 820 830 840
GTGAGGCTGT GCCGGGTGCT AAGGGGGCGA CAAGGAGGAG AAAGCCCTGT AGCCGCCCGC
850 860 870 880 890 900
TCAGCTCTAT CCTGGGGAGG AGTAACCTGA AATTGTCTGG AATGCCAATC ACTCTCACCG
910 920 930 940 950 960
TCTCCACCAG CAGCCTCAAC CTCATGGCCG CAGACTGCAA ACAGATCATC GCCAACCACC
970 980 990 1000 1010 1020
ACATGCAATC TATCTCATTT GCATCCGGCG GGGATCCGGA CACAGCCGAG TATGTGCGCT
1030 1040 1050 1060 1070 1080
ATGTTGCCAA AGACCCTGTG AATCAGAGAG CCTGCCACAT TCTGGAGTGT CCCGAAGGGC
1090 1100 1110 1120 1130 1140
TTGCCCAGGA TGTCATCAGC ACCATTGGCC AGGCCTTCGA GTTGGCTTC AAACAATACC
1150 1160 1170 1180 1190 1200
TCAGGAACCC ACCCAAACCTG GTCACCCCTC ATGACAGGAT GGCTGGCTTT GATGGCTCAG
1210 1220 1230 1240 1250 1260
CATGGGATGA GGAGGAGGAA GAGCCACCTG ACCATCAGTA CTATAATGAC TTCCCGGGGA
1270 1280 1290 1300 1310 1320
AGGAACCCCC CTTGGGGGGG GTGGTAGACA TGAGGCTTCG GGAAGGAGCC GCTCCAGGGG
1330 1340 1350 1360 1370 1380
CTGCTCGACC CACTGCACCC AATGCCCAGA CCCCAGCCA CTGGGAGCT ACATTGCCTG

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Figure 5a c ntinued

1390	1400	1410	1420	1430	1440
TAGGACAGCC	TGTTGGGGGA	GATCCAGAAG	TCCGCAAACA	GATGCCACCT	CCACCACCT
1450	1460	1470	1480	1490	1500
GTCCAGGCAG	AGAGCTTTTT	GATGATCCCT	CCTATGTCAA	CGTCCAGAAC	CTAGACAAGG
1510	1520	1530	1540	1550	1560
CCCGGCAAGC	AGTGGGTGGT	GCTGGGCCCC	CCAATCCTGC	TATCAATGGC	AGTGCACCCC
1570	1580	1590	1600	1610	1620
GGGACCTGTT	TGACATGAAG	CCCTTCGAAG	ATGCTCTTCG	GGTGCCTCCA	CCTCCCCAGT
1630	1640	1650	1660	1670	1680
CGGTGTCCAT	GGCTGAGCAG	CTCCGAGGGG	AGCCCTGGTT	CCATGGGAAG	CTGAGCCGGC
1690	1700	1710	1720	1730	1740
GGGAGGCTGA	GGCACTGCTG	CAGCTCAATG	GGGACTTCTT	GGTACGGGAG	AGCACGACCA
1750	1760	1770	1780	1790	1800
CACCTGGCCA	GTATGTGCTC	ACTGGCTTGC	AGAGTGGGCA	GCCTAAGCAT	TTGCTACTGG
1810	1820	1830	1840	1850	1860
TGGACCTTGA	GGGTGTGGTT	CGGACTAAGG	ATCACCGCTT	TGAAAGTGTC	AGTCACCTTA
1870	1880	1890	1900	1910	1920
TCAGCTACCA	CATGGACAAT	CACTTGCCCCA	TCATCTCTGC	GGGCAGCGAA	CTGTGTCTAC
1930	1940	1950	1960	1970	1980
AGCAACCTGT	GGAGCGGAAA	CTGtgatctg	ccctagcgct	ctcttccaga	agatgccttc
1990	2000	2010	2020	2030	2040
caatcctttc	caccctattc	cctaactctc	gggacctcgt	ttgggagtgt	tctgtgggct
2050	2060	2070	2080	2090	2100
tggccttgtg	tcagagctgg	gagtagcatg	gactctgggt	ttcatatcca	gctgagtggg
2110	2120	2130	2140	2150	2160
agggttttag	tcaaaagcct	gggtgagaa	cctgcctctc	cccaaacatt	aatcaccaaa
2170	2180	2190	2200	2210	2220
gtattaatgt	acagagtggc	ccctcacctg	ggcctttcct	gtgccaacct	gatgcccctt
2230	2240	2250	2260	2270	2280
ccccaagaag	gtgagtgtt	gtcatggaaa	atgtcctgtg	gtgacaggcc	cagtggaa
2290	2300	2310	2320	2330	2340
gtcaccttc	tgggcaagg	ggaacaaatc	acacctctgg	gcttcagggt	atcccagacc
2350	2360	2370	2380	2390	2400
cctctcaaca	cccgccccc	ccatgtttaa	actttgtgcc	tttgaccatc	tcttaggtct
2410	2420	2430	2440	2450	2460
aatgatattt	tatgcaaaca	gttcttggac	ccctgaattc	ttcaatgaca	gggatgccaa
2470	2480	2490	2500	2510	2520
caccttcttg	gcttctggga	cctgtgttct	tgctgagcac	cctctccggt	ttgggttggg
2530	2540	2550	2560	2570	2580
ataacagagg	caggagtggc	agctgtcccc	tctccctggg	gatatgcaac	ccttagagat
2590	2600	2610	2620	2630	2640
tgccccagag	ccccactccc	ggccaggcgg	gagatggacc	cctcccttgc	tcagtgcctc
2650	2660	2670	2680	2690	2700
ctggccgggg	cccctcaccc	caaggggtct	gtatatacat	ttcataaggc	ctgcctccc
2710	2720	2730	2740	2750	2760

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Figure 5a c ntinued

atgttgcatg	cctatgtact	ctgcgccaaa	gtgcagccct	tcctcctgaa	gcctctgccc
2770	2780	2790	2800	2810	2820
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2830	2840	2850	2860	2870	2880
actctcccag	gtggattttg	tggaggtgag	aaaaggggca	ttgagactat	aaagcagtag
2890	2900	2910	2920	2930	2940
acaatcccca	cataccatct	gtagagttgg	aactgcattc	ttttaaagtt	ttatatgcat
2950	2960	2970	2980	2990	3000
atatttttagg	gctgctagac	ttacttttct	atcttctttt	ccattgctta	ttcttgagca
3010	3020	3030	3040	3050	3060
caaaatgata	atcaattatt	acatttatac	atcacctttt	tgacttttcc	aagccctttt
3070	3080	3090	3100	3110	3120
acagctcttg	gcatttttct	cgcctaggcc	tgtgaggtaa	ctgggatcgc	accttttata
3130	3140	3150	3160	3170	3180
ccagagacct	gaggcagatg	aaatttattt	ccatctagga	ctagaaaaac	ttgggtctct
3190	3200	3210	3220	3230	3240
taccgcgaga	ctgagaggca	gaagtcagcc	cgaatgcctg	tcagtttcat	ggaggggaaa
3250	3260	3270	3280	3290	3300
cgcaaaacct	gcagttcctg	agtaccttct	acaggcccgg	cccagcctag	gcccgggggtg
3310	3320	3330	3340	3350	3360
gccacaccac	agcaagccgg	ccccccctct	tttggccttg	tgataaagg	agagttgacc
3370	3380	3390	3400	3410	3420
gttttcatcc	tggcctcctt	ttgctgtttg	gatgtttcca	cgggtctcac	ttataccaaa
3430	3440	3450	3460	3470	3480
gggaaaactc	tteattaaag	tccgtatttc	ttctaaaaaa	aaaaaaaaaa	aaatacattt
3490	3500	3510	3520	3530	3540
atacatcacc	tttttgactt	ttccaagccc	ttttacagct	cttggcattt	tcctcgccta
3550	3560	3570	3580	3590	3600
ggcctgtgag	gtaactggga	tcgcaccttt	tataccagag	acctgaggca	gatgaaattt
3610	3620	3630	3640	3650	3660
atttccatct	aggactagaa	aaacttgggt	ctcttaccgc	gagactgaga	ggcagaagtc
3670	3680	3690	3700	3710	3720
agcc.....

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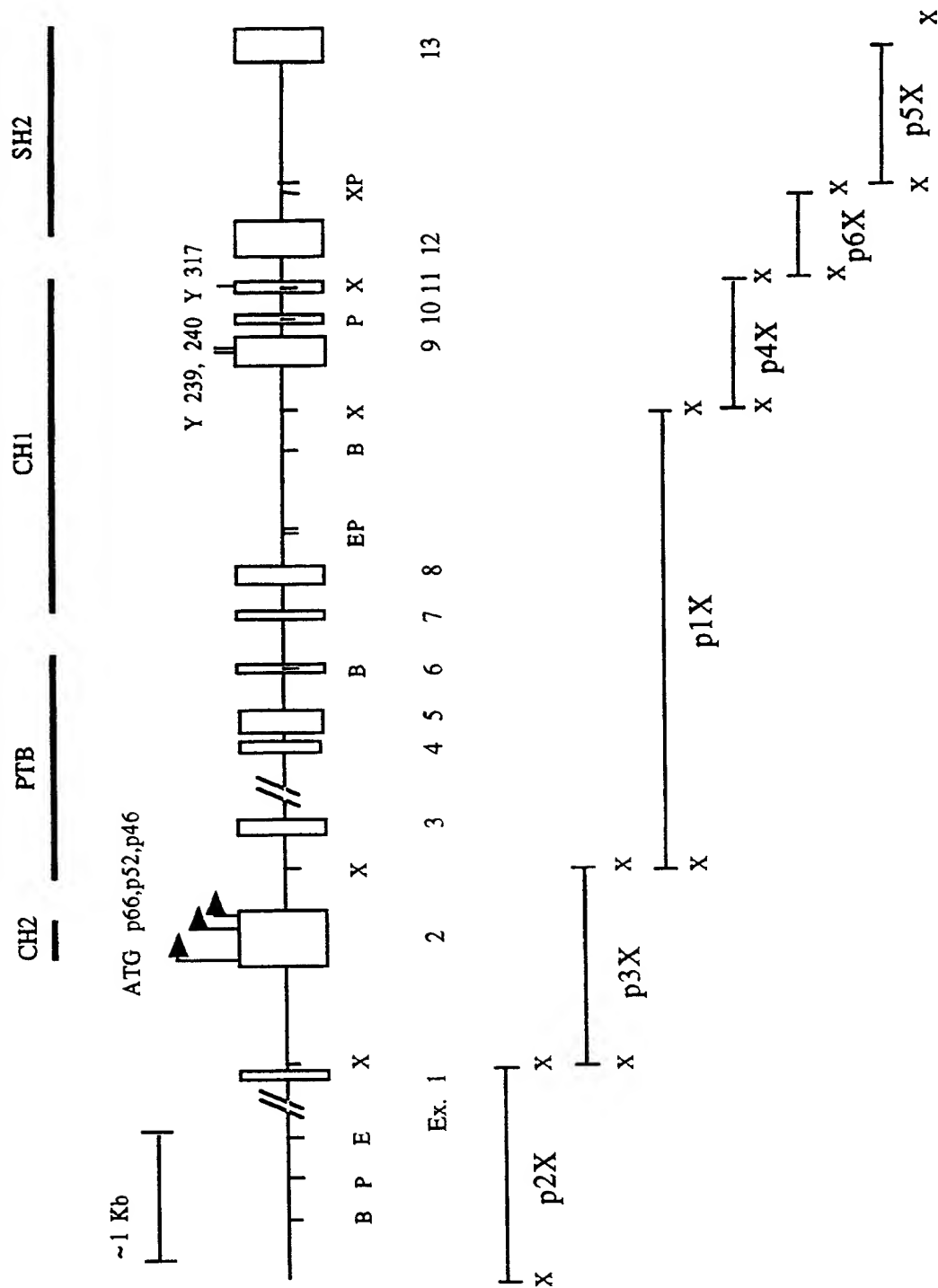
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Figure 5b

10	20	30	40	50	60
MDLLPPKPKY	NPLRNESLSS	LEEGASGSTP	PEELPSPSAS	SLGPILPPLP	GDDSP TTLCS
70	80	90	100	110	120
FFPRMSNLRL	ANPAGGRP GS	KGEPGRAADD	GEGIDGAAMP	ESGPLPLLQD	MNKLSGGGGR
130	140	150	160	170	180
RTRVEGGQLG	GEEWTRHGSF	VNKPTRGWLH	PNDKVMGPGV	SYLVRYMGCV	EVLQSMRALD
190	200	210	220	230	240
FNTRTQVTRE	AISLVCEAVP	GAKGATRRRK	PCSRPLSSIL	GRSNLKFAGM	PITLTVSTSS
250	260	270	280	290	300
LNLMAADCKQ	IIANHHMQSI	SFASGGDPDT	AEYVAYVAKD	PVNQRACHIL	ECPEGLAQDV
310	320	330	340	350	360
ISTIGQAFEL	RFKQYLRNPP	KLVT PHDRMA	GFDGSAWDEE	EEEEPDHQYY	NDFPGKEPPL
370	380	390	400	410	420
GGVVDMLRE	GAAPGAARPT	APNAQTPSHL	GATLPVGQPV	GGDPEVRKQM	PPPPPCPGRE
430	440	450	460	470	480
LFDDPSYVNV	QNLDKARQAV	GGAGPPNPAI	NGSAPRDLFD	MKPFEDALRV	PPPPQSVSMA
490	500	510	520	530	540
EQLRGEPWFH	GKLSRREA EA	LLQLNGDFLV	RESTITPGQY	VLTGLQSGQP	KHLLLVDPEG
550	560	570	580		
VVRTKDHRFE	SVSHLISYHM	DNHLP IISAG	SELCLQQPVE	RKL*	

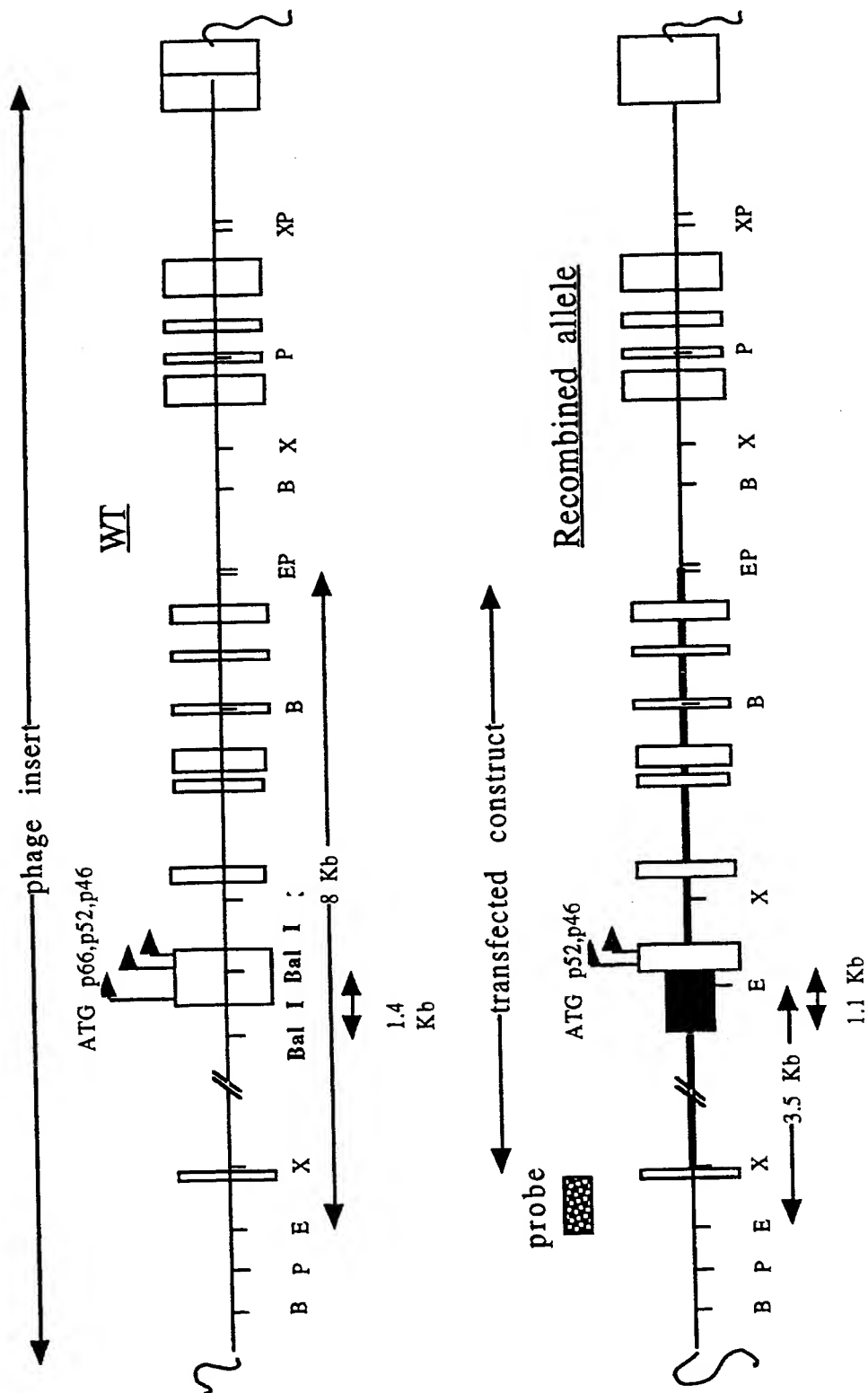
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Figure 6



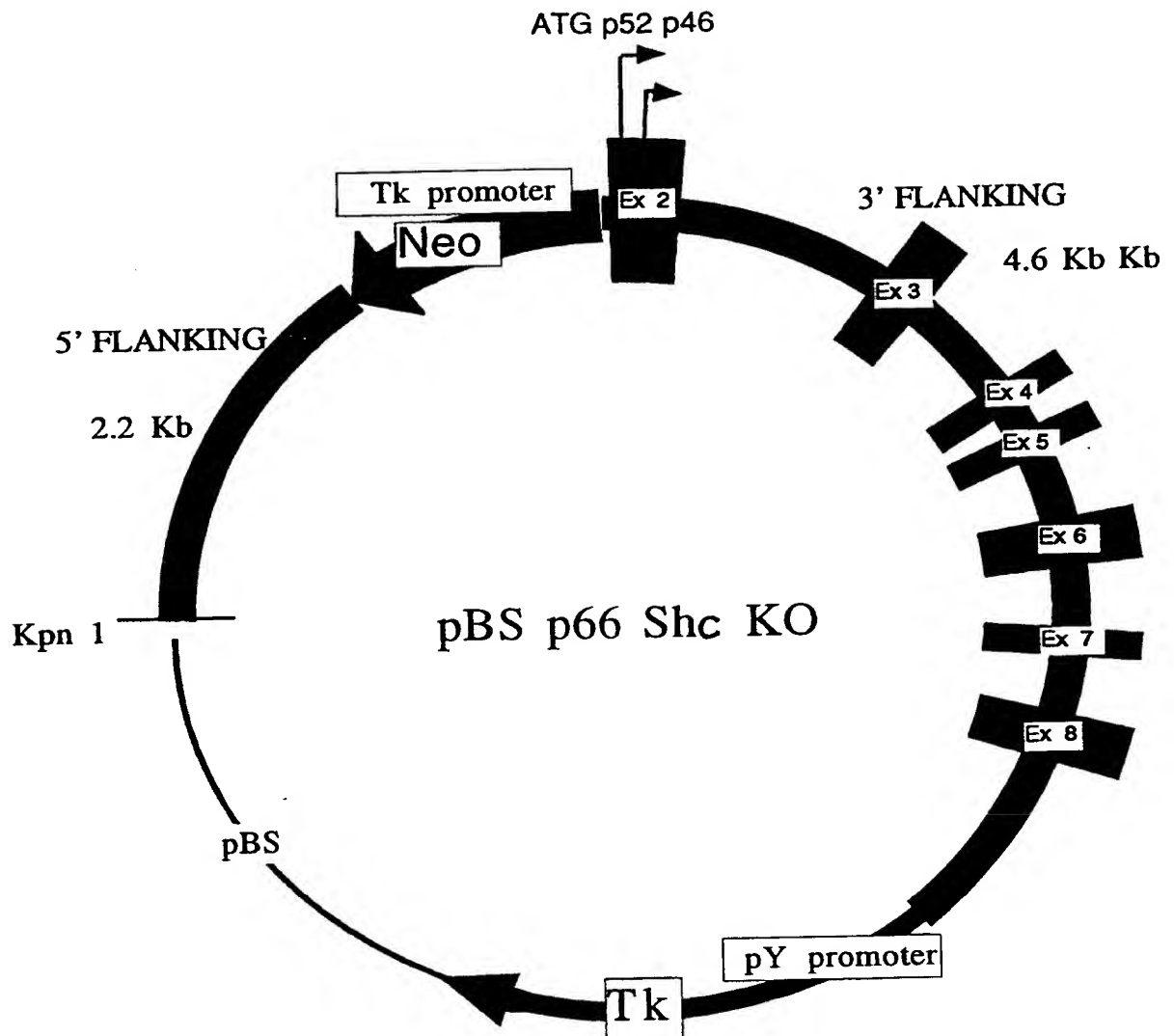
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Figure 7

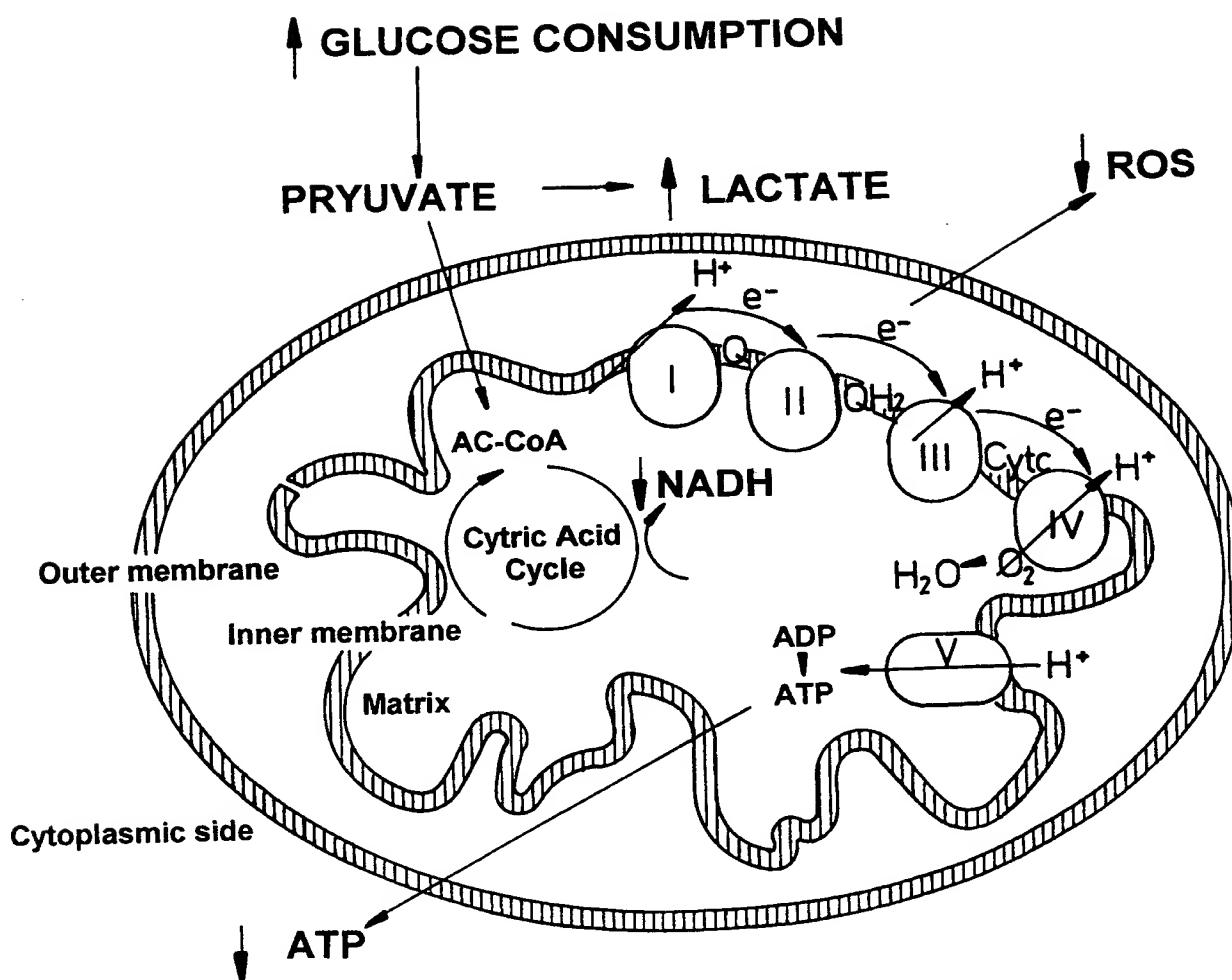


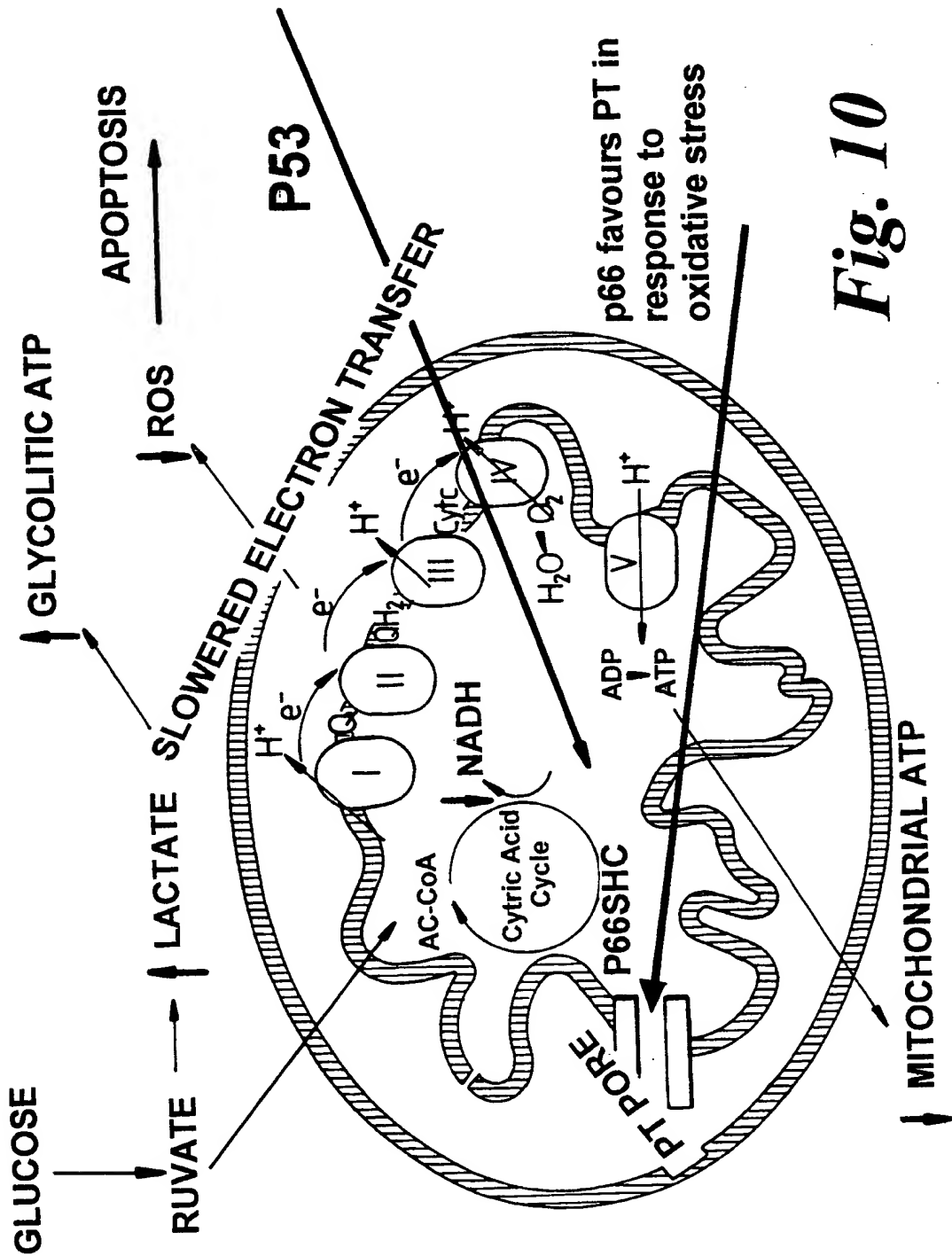
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Figure 8

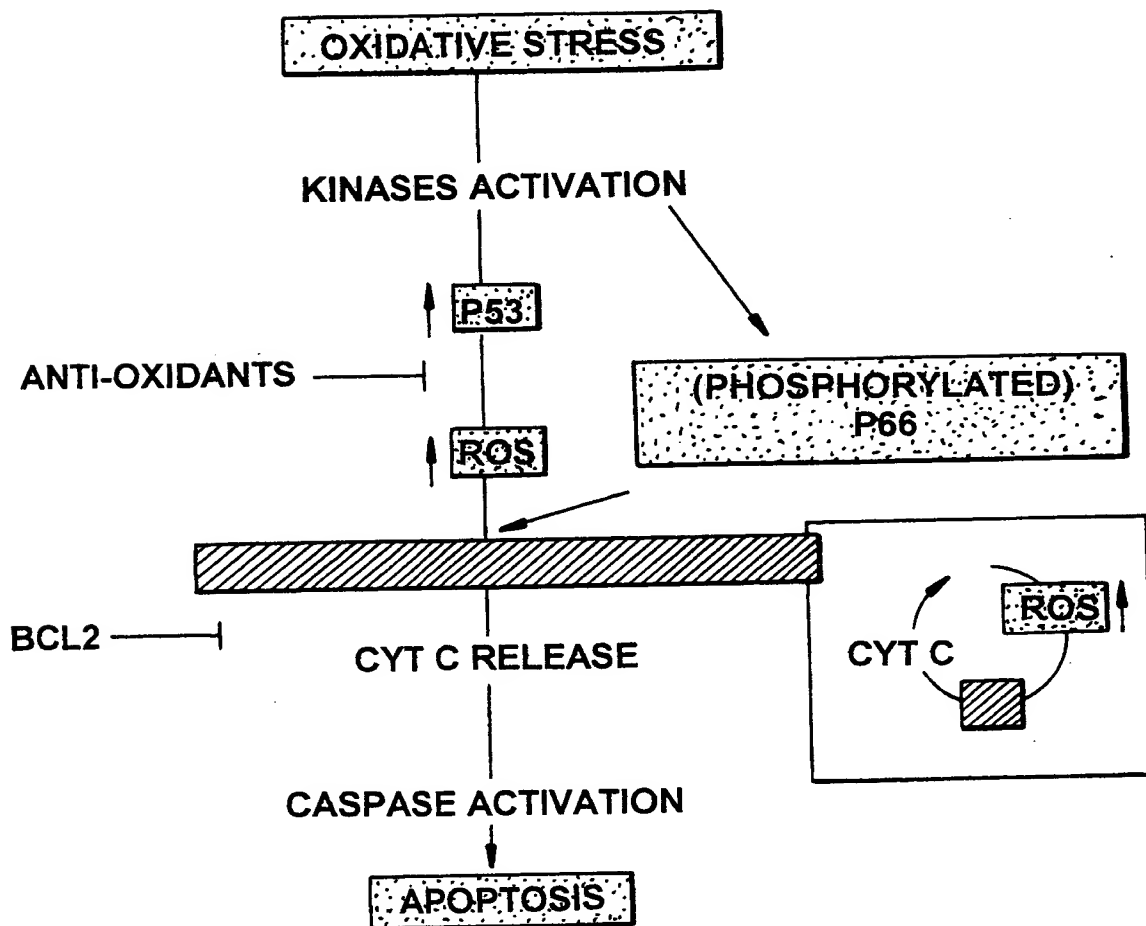


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*Fig. 9*



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*Fig. 11*